

Lenovo ThinkPad P16s Gen 5 (Intel)

Artikelnummer: 21XE001SGE

Lenovo PSREF-Modell: 21XE001SGE



Lenovo ThinkPad P16s Gen 5 (Intel): Intel Core Ultra 7 356H, 16C (4P + 8E + 4LPE) / 16T, Max Turbo up to 4.7GHz, 18MB Intel Smart Cache, 32GB LPCAMM2 LPDDR5X-7467, 512GB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0, NVIDIA RTX PRO 500 Blackwell Generation 6GB GDDR7 Laptop GPU, Windows 11 Pro, German, Case color - Black, 1Y Premier Support from 3Y Depot Windchill bundles (CPN), CO2 Offset Service 300kg Gen 3 Commercial IDG.

Leistung & Architektur

Prozessor	Intel Core Ultra 7 356H, 16C (4P + 8E + 4LPE) / 16T, Max Turbo up to 4.7GHz, 18MB Intel Smart Cache
KI-PC-Kategorie	Copilot + PC, AI-Ready Workstations
NPU (KI-Beschleuniger)	Up to 50 TOPS
Grafikkarte	NVIDIA RTX PRO 500 Blackwell Generation 6GB GDDR7 Laptop GPU
Chipsatz	Intel SoC Platform

Speicher & Laufwerke

Arbeitsspeicher (RAM)	32GB LPCAMM2 LPDDR5X-7467
RAM-Steckplaetze	One LPCAMM2 connector, dual-channel
Max. Arbeitsspeicher	Up to 96GB (1x 96GB LPCAMM2), upgradable
Festplatte (Storage)	512GB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0
M.2-Steckplaetze	One M.2 2280 PCIe 5.0 x4 slot
Max. Festplattenkapazitaet	Up to one 2TB M.2 2280 Gen 5 Performance SSD
Kartenleser	No Card Reader

Display & Design

Display	16" WUXGA (1920x1200) IPS 400nits Anti-glare, 45% NTSC, 60Hz
Touchscreen	None
Farbkalibrierung	AICCP Color Calibration
Stifteingabe	Pen Not Supported
Tastatur	Backlit, German
Gehaeusefarbe	Black
Gehaeusematerial	Aluminium (Top), PC-ABS (Bottom)
Abmessungen (BxTxH)	357.9 x 247.9 x 11.45 / 18.15 (front / rear), 23.3 (maximum) mm 14.09 x 9.76 x 0.45 / 0.71 (front / rear), 0.92 (maximum) inches
Gewicht	Starting at 1.79 kg (3.96 lbs)

Konnektivitaet & Multimedia

WLAN + Bluetooth	Intel Wi-Fi 7 BE211, 802.11be 2x2 + BT5.4
Mobilfunk (WWAN)	WWAN Not Supported
SIM-Karte	No physical SIM card included
Ethernet	100/1000M (RJ-45)
NFC	No NFC
Standard-Anschluesse	1x USB-A (USB 5Gbps / USB 3.2 Gen 1) 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On 2x Thunderbolt 4, with USB PD 3.1 and DisplayPort 2.1, 140W input / 15W output 1x HDMI 2.1, up to 4K/60Hz 1x Headphone / microphone combo jack (3.5mm) 1x Ethernet (GbE RJ-45) 1x Kensington Nano Security Slot
Optionale Anschluesse	None
Audio-Chip	SoundWire, Realtek ALC722-CG codec

Lautsprecher	Stereo speakers, 2W x2, Dolby Atmos
Mikrofon	2x, Array
Kamera	5.0MP + IR with Privacy Shutter, HDR and Computer Vision Human Presence Detection
Akku	90Wh
Stromversorgung	100W USB-C Slim (3-pin)

Software, Sicherheit & Garantie

Betriebssystem	Windows 11 Pro, German
Mitgelieferte Software	Lenovo AI Now
Sicherheits-Chip	Discrete TPM 2.0 Enabled
Physische Sicherung	Kensington Nano Security Slot, 2.5 x 6 mm
Fingerabdruckscanner	Touch Style, Match-on-Chip, Integrated in Power Button
Weitere Sicherheit	Computer Vision-based Human Presence Detection Bottom cover tamper detection Camera privacy shutter IR camera for Windows Hello (facial recognition)
System-Management	Non-vPro
Herstellergarantie	3-year, Courier or Carry-in with 1-year Battery
Garantie-Upgrade	1Y Premier Support from 3Y Depot Windchill bundles (CPN), CO2 Offset Service 300kg Gen 3 Commercial IDG
Mitgeliefertes Zubehoer	None
Zertifizierungen	ENERGY STAR 9.0 EPEAT Gold Registered RoHS compliant TCO Certified, generation 10
Militaerstandard	MIL-STD-810H military test passed
EAN / UPC / JAN	0199275453069

Support-Ende	2032-12-15
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